

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	210	((YASUSHI) near2 (HAYASHI)).INV.	EPO; JPO; DERWENT	OR	ON	2009/10/29 14:28
L5	965	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/29 14:29
L6	1720	(417/368,902).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/29 14:30
L7	0	("5andlubricat\$3").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/29 14:30
L8	724	5 and lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/29 14:30
L9	622	6 and lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/29 14:30
S1	1541	417/415	US-PGPUB; USPAT	OR	ON	2008/01/03 10:47
S2	9	"6217287"	US-PGPUB; USPAT	OR	ON	2008/01/03 11:48
S3	7	("20030049136"   "20040241013"   "4479419"   "5951261"   "6217287"   "6619926"   "6953324").PN. OR ("7100743").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:50
S4	83	("1556912"   "1557222"   "1565819"   "1814154"   "1867198"   "1946559"   "2035096"   "2528764"   "2561786"   "2592237"   "2612839"   "2780334"   "2873003"   "2892360"   "2943782"   "3010339"   "3022741"   "3174436"   "3180178"   "3259307"   "3360952"   "3417628"   "3470823"   "3522998"   "3545220"   "3701350"   "3738230"   "3985473"   "4031778"   "4143995"   "4236874"   "4245966"   "4479419"   "4494447"   "4682532"   "4756202"   "4830589"   "5190263"   "5199857"   "5281110"   "5366355"   "5577390").PN. OR ("5951261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:52
S5	2	("5971724").URPN.	USPAT	OR	ON	2008/01/03 12:20
S6	679	417/902	USPAT	OR	ON	2008/01/03 12:29

S7	69	("0583962"   "1427205"   "1764465"   "2130349"   "2178425"   "2246273"   "2583583"   "2669384"   "2905510"   "2926972"   "3049285"   "3194490"   "3253776"   "3334808"   "3403846"   "3499600"   "3674382"   "3692435"   "3767013"   "3781138"   "3804202"   "3848702"   "4174927"   "4236879"   "4403927"   "4406594"   "4568256"   "4575320"   "4607503"   "4702682"   "4704076"   "4717316"   "4724928"   "4762477"   "5007808"   "5022146"   "5087170"   "5445504"   "5533875"   "5551852"   "5586876"   "5660539"   "5716202"   "5795140"   "5865607"   "5884727"   "5947709"   "6012911"   "6012922"   "6171076"   "6312233"   "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S8	69	("0583962"   "1427205"   "1764465"   "2130349"   "2178425"   "2246273"   "2583583"   "2669384"   "2905510"   "2926972"   "3049285"   "3194490"   "3253776"   "3334808"   "3403846"   "3499600"   "3674382"   "3692435"   "3767013"   "3781138"   "3804202"   "3848702"   "4174927"   "4236879"   "4403927"   "4406594"   "4568256"   "4575320"   "4607503"   "4702682"   "4704076"   "4717316"   "4724928"   "4762477"   "5007808"   "5022146"   "5087170"   "5445504"   "5533875"   "5551852"   "5586876"   "5660539"   "5716202"   "5795140"   "5865607"   "5884727"   "5947709"   "6012911"   "6012922"   "6171076"   "6312233"   "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S9	69	("0583962"   "1427205"   "1764465"   "2130349"   "2178425"   "2246273"   "2583583"   "2669384"   "2905510"   "2926972"   "3049285"   "3194490"   "3253776"   "3334808"   "3403846"   "3499600"   "3674382"   "3692435"   "3767013"   "3781138"   "3804202"   "3848702"   "4174927"   "4236879"   "4403927"   "4406594"   "4568256"   "4575320"   "4607503"   "4702682"   "4704076"   "4717316"   "4724928"   "4762477"   "5007808"   "5022146"   "5087170"   "5445504"   "5533875"   "5551852"   "5586876"   "5660539"   "5716202"   "5795140"   "5865607"   "5884727"   "5947709"   "6012911"   "6012922"   "6171076"   "6312233"   "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S10	10	("3049285"   "3674382"   "3767013"   "3848702").PN. OR ("5884727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:34
S11	18	("3848702").URPN.	USPAT	OR	ON	2008/01/03 12:39

S12	23	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:42
S13	337	184/6.18	US-PGPUB; USPAT	OR	ON	2008/01/03 14:12
S14	277	184/6.28	US-PGPUB; USPAT	OR	ON	2008/01/03 14:27
S15	25	184/7.1	US-PGPUB; USPAT	OR	ON	2008/01/03 14:28
S16	7	"1321478"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:54
S17	2	"2021633"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S18	11	"2397124"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S19	8	"2510549"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:56
S20	4	"2598476"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:57
S21	16	"3188054"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:59
S22	11	"3238000"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:01
S23	4	"3630316"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:02
S24	19	"3848702"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:03
S25	31	"4178135"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:05
S26	4	"4553857"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:06
S27	33	"5209650"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:07
S28	13	"5415476"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:08
S29	6	"5593297"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:09
S30	6	"5700092"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S31	8	"5795140"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S32	677	vertical same shaft same lubrication	US-PGPUB; USPAT	OR	ON	2008/01/03 16:22
S33	874	vertical same shaft same lubrication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:22
S34	10	S33 same (helix or helical) same groove\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:23
S35	3	("5842420").URPN.	USPAT	OR	ON	2008/01/03 16:39

S36	7	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 16:39
S37	23	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:50
S38	609	417/368	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S39	254	S38 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S40	195	S39 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:50
S41	939	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S42	0	("16andcompressorandshaft").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S43	321	S41 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:16
S44	771	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:46
S45	506	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S46	381	S45 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S47	55505	reverse adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S48	551430	(refrigerant or hermetic)adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S49	16875	(refrigerant or hermetic)adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55

S50	5	S47 with S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55
S51	70976	(reverse or opposite) adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S52	21	S51 same S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S53	164	reverse adj groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S54	3225513	reverse adj\$2 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S55	943	S49 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S56	0	S49 same S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S57	0	S53 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S58	3882	S54 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:04
S59	1164	S58 and lubricati\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:11
S60	823	S59 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S61	649	S60 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S62	45	S61 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:15
S63	785	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 12:39

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